

AMENDMENTS TO THE CLAIMS

Please amend Claims 17, 20-22, 25 and 26 and add new Claims 27-34 as follows. .

Note that all the claims currently pending in this application, including those not presently amended, have been reproduced below for the Examiner's convenience.

1 - 9. (Cancelled)

10. (Withdrawn) An image processing apparatus for converting image sensing data obtained by image sensing means into a visualizable image signal by using a plurality of different image reproduction parameters, comprising:

setting means for setting at least one of the different image reproduction parameters;

and

converting means for converting the image sensing data into the image signal by using the image reproduction parameter set by said setting means,

wherein said setting means sets said at least one parameter on the basis of another one of the different image reproduction parameters.

11. (Withdrawn) The apparatus according to claim 10, wherein said setting means sets a conversion function of converting complementary color data into pure color data on the basis of a white balance coefficient.

12. (Withdrawn) The apparatus according to claim 11, wherein said setting means comprises storage means for storing a reference function of the conversion function and sets the conversion function by changing the reference function in accordance with the white balance coefficient.

13. (Withdrawn) The apparatus according to claim 11, wherein said setting means sets the conversion function by selecting one of conversion functions in storage means in accordance with the white balance coefficient.

14. (Withdrawn) The apparatus according to claim 10, further comprising:

detecting means for detecting light source information of a photographing light source;
and

determining means for determining a white balance coefficient in accordance with the detection result obtained by said detecting means,

wherein said setting means sets the image reproduction parameter by selecting one of image reproduction parameters in storage means in accordance with the white balance coefficient determined by said determining means.

15. (Withdrawn) The apparatus according to claim 14, wherein the image reproduction parameter is a conversion function of converting complementary color data into pure color data.

16. (Withdrawn) An image processing method for converting image sensing data obtained by image sensing means into a visualizable image signal by using a plurality of different image reproduction parameters, comprising:

the setting step of setting at least one of the different image reproduction parameters;
and

the conversion step of converting the image sensing data into the image signal by using the image reproduction parameter set in the setting step,

wherein the setting step sets said at least one image reproduction parameter on the basis of another one of the image reproduction parameters.

17. (Currently Amended) An image processing apparatus comprising:

a first input unit, arranged to input ~~an image~~ a sensing signal ~~output from an image sensing unit~~;

an indicating unit manipulated by a user, arranged to indicate an arbitrary position of ~~an~~ within the input sensing image displayed on a screen ~~from the image sensing signal~~;

a determining unit, arranged to determine an image processing parameter to convert color information of a position within the input sensing image indicated by said indicating unit into arbitrary color information;

a second input unit, arranged to input color information, which has an a reproduced image, wherein the reproduced image data format is reproduced from an arbitrary sensing image signal and is used in the determination of the ~~corresponds to a designated sensing image processing parameter on the position indicated by said determining indicating unit~~; and

~~a determining unit, arranged to determine an image processing parameter to convert color information included in the designated sensing image into color information included in the reproduced image; and~~

a processing unit, arranged to convert the color information of the indicated position within the input sensing image into the arbitrary color information by ~~perform image performing color~~ processing on ~~an image~~ the input sensing image signal by using the image processing parameter.

18 - 19. (Canceled)

20. (Currently Amended) The apparatus according to claim 17, wherein said processing unit adjusts color balance of the ~~image sensing image signal~~ by using the image processing parameter.

21. (Currently Amended) The apparatus according to claim 17, wherein said processing unit performs white balance processing when said second input unit does not input the ~~reproduced image~~ color information.

22. (Currently Amended) An image processing method comprising the steps of:
inputting ~~an image~~ a sensing signal output from an image sensing unit;
inputting a user's indication of an arbitrary position ~~of an~~ within the input sensing image displayed on a screen ~~from the image sensing signal~~;

determining an image processing parameter to convert color information of a position within the input sensing image indicated by the user's indication into arbitrary color information;

inputting color information, which has an a reproduced image, wherein the reproduced image data format is reproduced from an arbitrary sensing image signal and is used in the determination of the ~~corresponds to a designated sensing image processing parameter in on the~~ position indicated by the user's indication determining step; and

~~determining an image processing parameter to convert color information included in the designated sensing image into color information included in the reproduced image; and~~

converting the color information of the indicated position within the input sensing image into the arbitrary color information by performing color processing an image on the input sensing image signal by using the image processing parameter.

23. (Withdrawn) An image processing apparatus for adjusting a hue of an input image signal, comprising:

input means for inputting color information with respect to a specific region which forms a part of an image; and

determining means for determining a hue of a whole image represented by the image signal on the basis of the color information.

24. (Withdrawn) An image processing method for adjusting a hue of an input image signal, comprising:

the input step of inputting color information with respect to a specific region which forms a part of an image; and

the determination step of determining a hue of a whole image represented by the image signal on the basis of the color information.

25. (Currently Amended) A computer program ~~code~~ for an image processing method, the method comprising the steps of:

inputting ~~an image~~ a sensing signal output from an image sensing unit;

inputting a user's indication of an arbitrary position ~~of an~~ within the input sensing image displayed on a screen from the image sensing signal;

determining an image processing parameter to convert color information of a position within the input sensing image indicated by the user's indication into arbitrary color information;

inputting color information, which has an ~~a reproduced image, wherein the reproduced image data format is reproduced from an arbitrary sensing image signal and is used in the determination of the~~ corresponds to a designated sensing image processing parameter in ~~on the position indicated by the user's indication~~ determining step; and

~~determining an image processing parameter to convert color information included in the designated sensing image into color information included in the reproduced image; and~~

converting the color information of the indicated position within the input sensing image into the arbitrary color information by performing color processing ~~an image on the input sensing image signal~~ by using the image processing parameter.

26. (Currently Amended) A computer program product stored on a computer-readable medium comprising computer program code for an image processing method, the method comprising the steps of:

~~inputting an image a sensing signal output from an image sensing unit;~~

~~inputting a user's indication of an arbitrary position of an~~ within the input sensing image displayed on a screen ~~from the image sensing signal;~~

determining an image processing parameter to convert color information of a position within the input sensing image indicated by the user's indication into arbitrary color information;

~~inputting color information, which has an a reproduced image, wherein the reproduced image data format is reproduced from an arbitrary sensing image signal and is used in the determination of the corresponds to a designated sensing image processing parameter in on the position indicated by the user's indication~~ determining step; and

~~determining an image processing parameter to convert color information included in the designated sensing image into color information included in the reproduced image; and~~

converting the color information of the indicated position within the input sensing image into the arbitrary color information by performing color processing an image on the input sensing image signal by using the image processing parameter.

27. (New) The apparatus according to claim 17, wherein said first input unit inputs the sensing image output from an image sending unit.

28. (New) The apparatus according to claim 27, wherein said first input unit displays the input sensing image on a monitor, and the user indicates the arbitrary position within the input sensing image displayed on the screen of the monitor.

29. (New) The method according to claim 22, wherein the first input step inputs the sensing image output from an image sending unit.

30. (New) The method according to claim 29, further comprising the step of displaying the input sensing image on a monitor, wherein the user's indication indicates the arbitrary position within the input sensing image displayed on the screen of the monitor.

31. (New) The computer program according to claim 25, wherein the first input step inputs the sensing image output from an image sending unit.

32. (New) The computer program according to claim 31, the method further comprising the step of displaying the input sensing image on a monitor, wherein the user's indication indicates the arbitrary position within the input sensing image displayed on the screen of the monitor.

33. (New) The product according to claim 26, wherein the first input step inputs the sensing image output from an image sending unit.

34. (New) The product according to claim 29, the method further comprising the step of displaying the input sensing image on a monitor, wherein the user's indication indicates the arbitrary position within the input sensing image displayed on the screen of the monitor.